What is claimed is:

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	What is claimed is.
1	1. A sprinkler to sprinkle water running in a pipeline over both its
2	sides through sprinkler heads mounted on the pipeline, wherein:
3	the pipeline comprises first water pipes and second water pipes
4	connected to each other alternately so as to be freely disconnectable and
5	reconnectable;
6	both end portions of each first water pipe are formed so as to have
7	outer diameter which is equal to the inner diameter of the second water
8	pipes;
9	a plurality of first engaging protrusions are formed on the
10	periphery of one end portion of each first water pipe, at regular angular
11	intervals around the longitudinal center axis of said first water pipe; and
12	a plurality of second engaging protrusions are formed at one end
13	of each second water pipe so as to engage with the first engaging protru-
14	sions of the first water pipe when the end portion with first engaging pro
15	trusions of a first water pipe is inserted into the end with second engaging
16	protrusions of said second water pipe.
17	2. A sprinkler as claimed in claim 1, wherein each first water pipe
18	in the pipeline is movable along its longitudinal center axis and, when each
19	first water pipe in the pipeline is moved toward the connection where the
20	end portion without first engaging protrusions of said first water pipe is
21	inserted into the end without second engaging protrusions of a second wa-
22	ter pipe, the engagement between the first engaging protrusions of said
23	first water pipe and the second engaging protrusions of a second water pipe
24	at the other connection is broken.
25	3. A sprinkler to sprinkle water running in a pipeline over both its
26	sides through sprinkler heads mounted on the pipeline, wherein:

sides through sprinkler heads mounted on the pipeline, wherein:

the pipeline comprises first water pipes and second water pipes connected to each other alternately so as to be freely disconnectable and reconnectable;

both end portions of each first water pipe are formed so as to have

outer diameter which is equal to the inner diameter of the second water pipes;

at least one end portion of each first water pipe is provided with a plurality of engaging parts which are disposed in the periphery of the end portion, at regular angular intervals around the longitudinal center axis of said first water pipe and free to protrude beyond and withdraw under the level of the outer surface of the end portion; and

at least one end portion of each second water pipe is provided with engaging recesses in the inner surface of the end portion which engage with the engaging parts of a first water pipe.

4. A sprinkler as claimed in claim 3, wherein each engaging recess in the inner surface of said end portion of each second water pipe is continued, in the circumferential direction of the inner surface, smoothly to the inner surface.

5. A sprinkler as claimed in claim 1 or 3, wherein:

each of the sprinkler heads of each of the first and second water pipes comprises (i) a groove-like through hole made in the wall of said water pipe, in the circumferential direction of said water pipe, at an appropriate place on said water pipe and (ii) a head unit to sprinkle the water in the pipeline;

the head unit of each sprinkler head of each of the first and second water pipes comprises (i) an outer cover which is fitted onto said water pipe to cover the groove-like through whole of said sprinkler head and slidable along the periphery of said water pipe, in the circumferential direction of said water pipe and (ii) a nozzle whose lower end is inserted in the groove-like through whole and whose upper end is fixed to the outer cover; and

sprinkled from the upper ends of the nozzles.

when water is allowed to run through the pipeline, the water is